

-- Creamos la base de datos

```
CREATE DATABASE `dwes` DEFAULT CHARACTER SET utf8 COLLATE utf8_spanish_ci;  
USE `dwes`;
```

-- Creamos las tablas

```
CREATE TABLE `dwes`.`tienda` (  
  `cod` INT NOT NULL AUTO_INCREMENT PRIMARY KEY ,  
  `nombre` VARCHAR( 100 ) NOT NULL ,  
  `tlf` VARCHAR( 13 ) NULL  
) ENGINE = INNODB;
```

```
CREATE TABLE `dwes`.`producto` (  
  `cod` VARCHAR( 12 ) NOT NULL ,  
  `nombre` VARCHAR( 200 ) NULL ,  
  `nombre_corto` VARCHAR( 50 ) NOT NULL ,  
  `descripcion` TEXT NULL ,  
  `PVP` DECIMAL( 10, 2 ) NOT NULL ,  
  `familia` VARCHAR( 6 ) NOT NULL ,  
  PRIMARY KEY ( `cod` ) ,  
  INDEX ( `familia` ) ,  
  UNIQUE ( `nombre_corto` )  
) ENGINE = INNODB;
```

```
CREATE TABLE `dwes`.`familia` (  
  `cod` VARCHAR( 6 ) NOT NULL ,  
  `nombre` VARCHAR( 200 ) NOT NULL ,  
  PRIMARY KEY ( `cod` )  
) ENGINE = INNODB;
```

```
CREATE TABLE `dwes`.`stock` (  
  `producto` VARCHAR( 12 ) NOT NULL ,  
  `tienda` INT NOT NULL ,  
  `unidades` INT NOT NULL ,  
  PRIMARY KEY ( `producto` , `tienda` )  
) ENGINE = INNODB;
```

-- Creamos las claves foráneas

```
ALTER TABLE `producto`  
ADD CONSTRAINT `producto_ibfk_1`  
  FOREIGN KEY (`familia`) REFERENCES `familia` (`cod`)  
  ON UPDATE CASCADE;
```

```
ALTER TABLE `stock`  
ADD CONSTRAINT `stock_ibfk_2`  
  FOREIGN KEY (`tienda`) REFERENCES `tienda` (`cod`)  
  ON UPDATE CASCADE,  
ADD CONSTRAINT `stock_ibfk_1`  
  FOREIGN KEY (`producto`) REFERENCES `producto` (`cod`)  
  ON UPDATE CASCADE;
```

```
CREATE USER `dwes`  
  IDENTIFIED BY 'abc123.';
```

```
GRANT ALL ON `dwes`.*  
  TO `dwes`;
```